

Research Project Title

Evaluating the Private Sector Returns to Transportation Investments in Tennessee

Purpose of the Project

The purpose of the project is to estimate the private sector return on investment (ROI) from public sector investments in the state transportation network and identify factors associated with high rates of return.

Scope and Significance

The scope of the research project includes:

- Survey of existing research on how transportation investments impact the private sector based on academic research and other findings
- Modeling and estimating the mechanisms whereby transportation infrastructure spending affects local measures like job creation and the growth of personal income using data unique to each of the state's 95 counties
- Reporting unique empirical findings for Tennessee and its 95 counties

Expected Outcomes

The following are expected outcomes of this research project:

 Benefit to TDOT includes an enhanced framework for evaluating possible investment returns based on the nature of the investment project and the characteristics of local communities

Time Period

The time period for the project is June 1, 2019 – January 30, 2021

Contact Information

contact information	
Principal Investigator (PI):	TDOT Lead Staff:
Name: Dr. Matthew N Murray	Name
Department: Howard Baker Center	Division
University: University of Tennessee	Phone
Address: 1640 Cumberland Ave., Knoxville	Email
Phone: 865-974-6098	
Email: mmurray1@utk.edu	